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| Mr. Michael T. Davis  Calculus | | Section 3.3 Quiz  December 19, 2016 | |
| Name: | |

1. Find  for the function 
2. Find  for the function 
3. Find  for the function 
4. Find  for the function 
5. Find  for the function 
6. Find  for the function 
7. Find  for the function 
8. Find  for the function 
9. Given that functions  and  are differentiable at  and that , , , and . Find the value of each derivative at .

a. 

b. 

1. Write an equation for the line tangent to the graph of  at .
2. Write an equation for the line normal to the graph of  at 